

Title (en)
REPLACEMENT STRUCTURES FOR BONES AND CARTILAGE

Title (de)
KNOCHEN- UND KNORPEL-ERSATZSTRUKTUREN

Title (fr)
STRUCTURES POUR LE REMPLACEMENT DE L'OS OU DU CARTILAGE

Publication
EP 0984745 A1 20000315 (DE)

Application
EP 98934768 A 19980522

Priority

- DE 9801402 W 19980522
- DE 19721661 A 19970523

Abstract (en)
[origin: WO9852498A1] The invention relates to novel materials for replacement of bones or cartilages, characterized primarily by their unique structure comprising substances known per se. Since these structures can be produced by selecting the suitable physical and geometric parameters, it is possible to manufacture implants either to replace bone and cartilage or to manufacture cartilage bone composite implants which closely resemble the relevant natural bones or cartilages in terms of elasticity, porosity and solidity and which behave in a similar biological manner to the direct in vivo environment.

IPC 1-7
A61F 2/28; **A61F 2/30**; **A61L 27/00**

IPC 8 full level
A61F 2/28 (2006.01); **A61F 2/30** (2006.01); **A61L 27/00** (2006.01); **A61L 27/12** (2006.01); **A61L 27/18** (2006.01); **A61L 27/20** (2006.01); **A61L 27/22** (2006.01); **A61L 27/24** (2006.01); **A61L 27/50** (2006.01); **A61L 27/58** (2006.01); **A61F 2/00** (2006.01); **A61F 2/02** (2006.01); **A61F 2/38** (2006.01)

CPC (source: EP)
A61F 2/28 (2013.01); **A61F 2/30756** (2013.01); **A61F 2/30965** (2013.01); **A61L 27/12** (2013.01); **A61L 27/18** (2013.01); **A61L 27/20** (2013.01); **A61L 27/222** (2013.01); **A61L 27/24** (2013.01); **A61L 27/50** (2013.01); **A61L 27/58** (2013.01); **A61F 2/30749** (2013.01); **A61F 2/3872** (2013.01); **A61F 2002/30004** (2013.01); **A61F 2002/30009** (2013.01); **A61F 2002/30011** (2013.01); **A61F 2002/30062** (2013.01); **A61F 2002/30131** (2013.01); **A61F 2002/30199** (2013.01); **A61F 2002/30224** (2013.01); **A61F 2002/30261** (2013.01); **A61F 2002/30322** (2013.01); **A61F 2002/30329** (2013.01); **A61F 2002/30462** (2013.01); **A61F 2002/30785** (2013.01); **A61F 2002/30789** (2013.01); **A61F 2002/30915** (2013.01); **A61F 2210/0004** (2013.01); **A61F 2220/0008** (2013.01); **A61F 2220/0025** (2013.01); **A61F 2220/0075** (2013.01); **A61F 2230/0013** (2013.01); **A61F 2230/0063** (2013.01); **A61F 2230/0069** (2013.01); **A61F 2230/0082** (2013.01); **A61F 2250/0014** (2013.01); **A61F 2250/0023** (2013.01); **A61F 2250/0026** (2013.01); **A61F 2250/0028** (2013.01); **A61F 2310/00293** (2013.01); **A61F 2310/00365** (2013.01); **A61F 2310/00383** (2013.01)

Citation (search report)
See references of WO 9852498A1

Cited by
EP4069151A4; US9463046B2; US7763272B2; US9220597B2; EP2529764A1; WO2012163532A2; US9907884B2; US8795377B2; US9445900B2; US10076416B2

Designated contracting state (EPC)
CH DE FR GB LI SE

DOCDB simple family (publication)
WO 9852498 A1 19981126; DE 19721661 A1 19981126; DE 59809812 D1 20031106; EP 0984745 A1 20000315; EP 0984745 B1 20031001

DOCDB simple family (application)
DE 9801402 W 19980522; DE 19721661 A 19970523; DE 59809812 T 19980522; EP 98934768 A 19980522